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ABELIANT TO A ALC			Application No.	10/75	0,408
IKAN	SMITTAL F		Filing Date	Dece	mber 31, 2003
(to be used for all	correspondence af	ter initial filing)	First Named Inventor	Sume	et Sandhu
			Art Unit	2611	
				Patel,	Jayanti K
Total Number of I	Pages in This Submis	sion	Attorney Docket Number	d2P1	8465
	ENCLO	SURES (chec	k all that apply)		
Fee Transmittal	Form	Drawing(s)			After Allowance Communication to TC
Fee Attac	ched '	Licensing-r	related Papers		Appeal Communication to Board of Appeals and Interferences
Amendment / R	esponse ,	Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
After Fina Affidavits	al /declaration(s)	Petition to Provisional	Convert a Application		Proprietary Information
Extension of Tir	ne Request	Power of A Change of	ttorney, Revocation Correspondence Addres		Status Letter
Express Abandonment Request		Terminal Disclaimer			Other Enclosure(s) (please identify below):
Information Disc	closure Statement	Request for Refund			Copy of the PCT IPRP
X PTO/SB/	08	CD, Number of CD(s)			Starri i Osteara
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Response to Mi	ssing Parts/ lication	Ddir.	1		
Basic	Filing Fee	Remarks			
Decla	aration/POA				
Response Parts und 1.52 or 1.	e to Missing ler 37 CFR 53				
	SIGNATUR	E OF APPLICA	NT, ATTORNEY, OR	GENT	
Firm or	Gregory D. Ca	ldwell, Reg. No	o. 39,926		
Individual name	BLAKELY, S	SOKOLOFF,	TAYLOR & ZAFI	MAN L	LLP
Signature					
Date	August 16, 20	)06			
	CERTIF	ICATE OF MAIL	ING/TRANSMISSION		
	first class mail in an er				e on the date shown below with issioner for Patents, P.O. Box
Typed or printed na	ame Shannon A.	Handy			
Signature	Shanne	n Haroly	-	Date	August 16, 2006



## FERRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Applicant claims small entity status.	See 37	CFR 1.27
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TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known				
Application Number	10/750,408			
Filing Date	December 31, 2003			
First Named Inventor	Sumeet Sandhu			
Examiner Name	Patel, Jayanti K			
Art Unit	2611			
Attorney Docket No.	42P18465			

METHO	OF PAY	MENT (cl	heck all	that apply)				
Check	Credit ca	ırd 🗌 M	oney Or	rder None Other (please identify):				
• Jeposit A	Account D	eposit Ac	count N	fumber: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Za	fman LLP			
☐ Cha <b>⊠</b> Cha	irge fee(s) irge any a	indicated dditional	l below fee(s) or	ount, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below, except for the sunderpayment of fee(s)  Credit any overpayments  18 and 1.20.	filing fee			
FEE CALCU	LATION	_						
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Fee	Fee	Fee	Fee	Fee Description	Fee Paid			
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1051	130	2051	65	Surcharge - late filing fee or oath				
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.				
2053	130	2053	130	Non-English specification				
1251	120	2251	60	Extension for reply within first month				
1252	450	2252	225	Extension for reply within second month				
1253	1,020	2253	510	Extension for reply within third month				
1254	1,590	2254	795	Extension for reply within fourth month				
1255	2,160	2255	1,080	Extension for reply within fifth month				
1401	500	2401	250	Notice of Appeal				
1402	500	2402	250	Filing a brief in support of an appeal				
1403	1,000	2403		Request for oral hearing				
1451		2451		Petition to institute a public use proceeding				
1460	130	2460	130	Petitions to the Commissioner				
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
1806	180	1806		Submission of Information Disclosure Stmt				
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))				
1810	790	2810		For each additional invention to be examined (37 CFR § 1.129(b))				
Other fo	ا ee (spe	cifv)						
	SUBTOTAL (2) (\$)							

SUBMITTED B	Υ				Com	olete (if applicable)
Name (Print/Type)	Gregory D. Caldwell	111	Registration No. (Attorney/Agent)	39,926	Telephone	(503) 439-8778
Signature		//		-	Date	08/16/06

Docket No.: 42P18465

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

SUMEET SANDHU

Application No.: 10/750,408

Filed: December 31, 2003

For: AN APPARATUS AND ASSOCIATED

**METHODS TO PERFORM** 

SPACE-FREQUENCY INTERLEAVING IN A MULTICARRIER WIRELESS

**COMMUNICATION CHANNEL** 



Art Group: 2611

Examiner: Patel, Jayanti K

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a patent office in a counterpart application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

The references were cited in a communication in a counterpart PCT application on July 13, 2006, in a counterpart PCT application.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: August 16, 2006

Gregory D. Caldwell, Reg. No. 39,926

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (503) 439-8778

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

08-16-06

Date

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**Sheet** 

	Complete if Known
Application Number	10/750,408
Filing Date	December 31, 2003
First Named Inventor	Sumeet Sandhu
Art Unit	2611
Examiner Name	Patel, Jayanti K
Attorney Docket Number	42P18465

U.S. PATENT DOCUMENTS								
_		Document Number	Publication Date		Pages, Columns, Lines, Where			
Examiner Initials*	Cite No.¹	er Cite		or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
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	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,	_		
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Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>&#</sup>x27;Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible policient is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known		
			HDE	Application Number	10/750,408	
			UKE	Filing Date	December 31, 2003	
			ANT	First Named Inventor	Sumeet Sandhu	
<del></del>				Art Unit	2611	
		1 1		Examiner Name	Patel, Jayanti K	
Sheet	2	of	2	Attorney Docket Number	42P18465	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	1	International Application No.: PCT/US2004/042942, International Preliminary Report on Patentability, Attorney Docket No.: 042390-P18465.	
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<sup>&#</sup>x27;Applicant's unique citation designation number.3Applicant is to place a check mark here if English language Translation is attached.